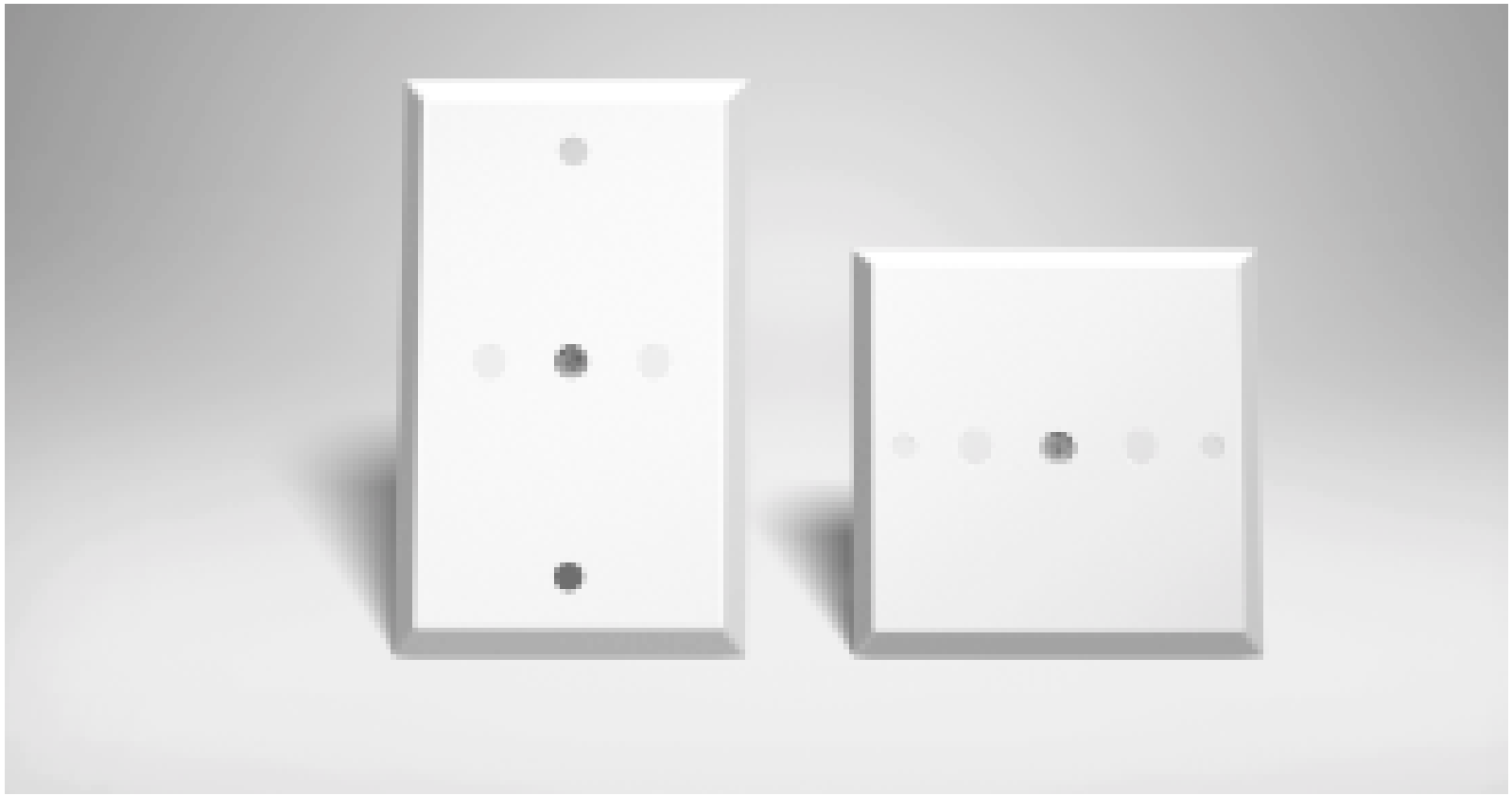
Bose® FreeSpace® 4400 System Auto Volume Mic Kit

Installation Guide



Important Safety Instructions

For the intended audience

This guide has been written for professional installers of sound systems.

1. **Read these instructions – for all components before using this product.**
2. **Keep these instructions – for future reference.**
3. **Heed all warnings – on the product and in the installer's guide.**
4. **Follow all instructions.**
5. **Do not use this apparatus near water or moisture.**
6. **Clean only with a dry cloth – and as directed by Bose.**
7. **Install in accordance with the manufacturer's instructions.**
8. **Do not install near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
9. **Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way such as: liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Do not attempt to service this product yourself. Opening or removing covers may expose you to other hazards. Please call Bose to be referred to an authorized service center near you.**

Important Safety Instructions

10. See product enclosure for safety-related markings.

11. Only use attachments/accessories specified by the manufacturer.

CAUTION: *Check local regulations before installing the Bose® FreeSpace® 4400 System Auto Volume Mic Kit. The building code may require professional installation by a skilled technician or licensed contractor. Regional electrical codes may require similar qualifications for wiring the system.*

Please read this install guide

The Bose® FreeSpace® 4400 System Auto Volume Mic Kit is engineered to provide custom on-site controls for the FreeSpace® 4400 business music system. Please read this guide to help you install and use the kit correctly.

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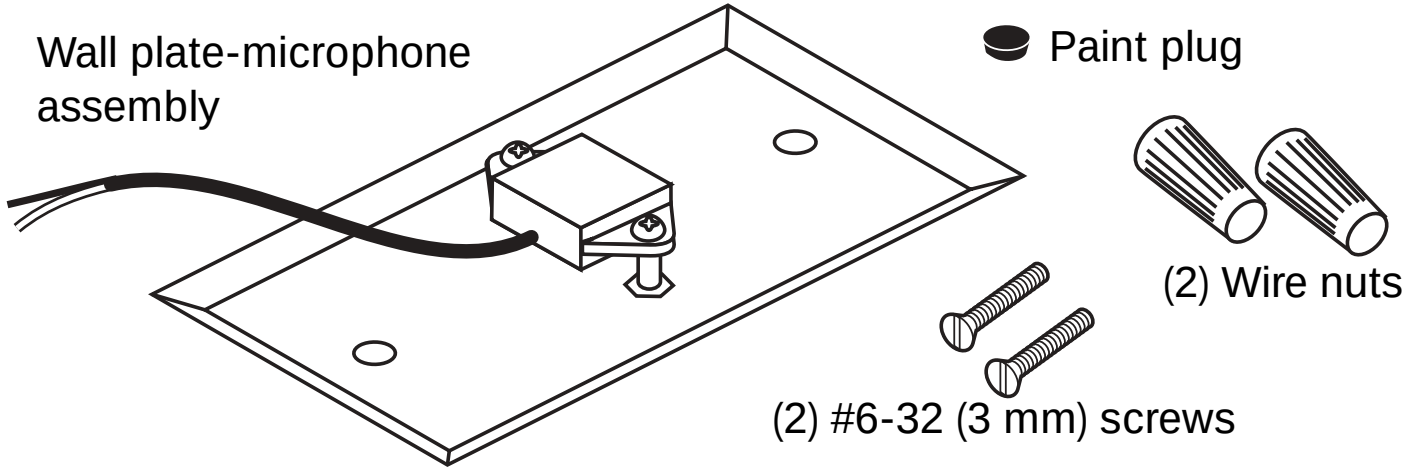
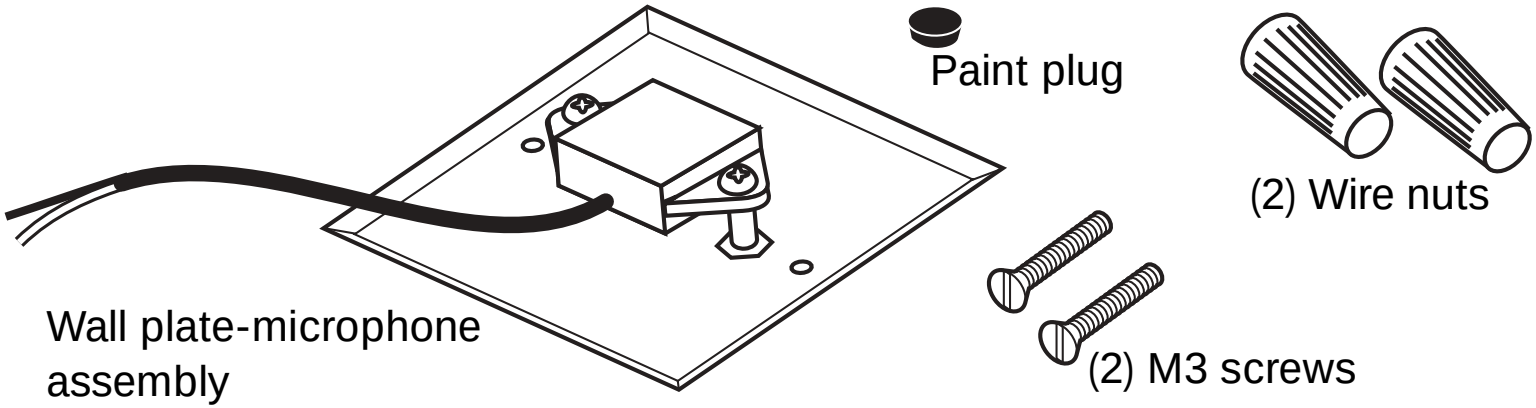
Provided in carton

FreeSpace® 4400 System Auto Volume Mic Kit (US)



or

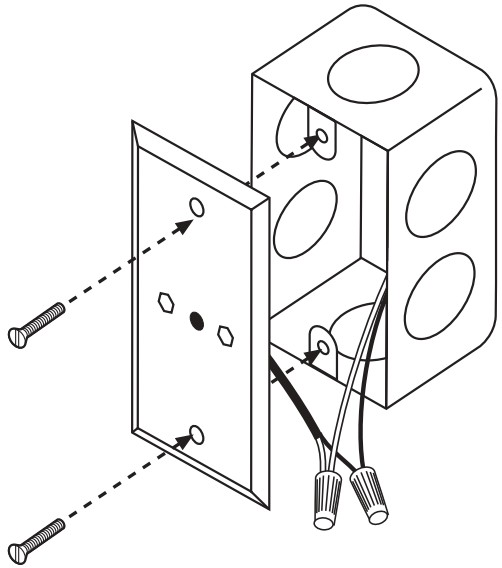
FreeSpace® 4400 System Auto Volume Mic Kit (Europe)



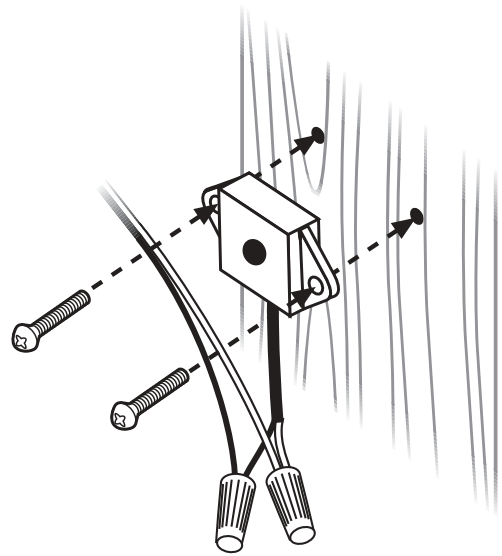
Microphone installation

The wall plate-microphone assembly can be installed using a single-gang junction box, or the microphone can be removed from the wall plate and mounted directly on a flat surface.

Single-gang junction box installation



Surface-mounted mic



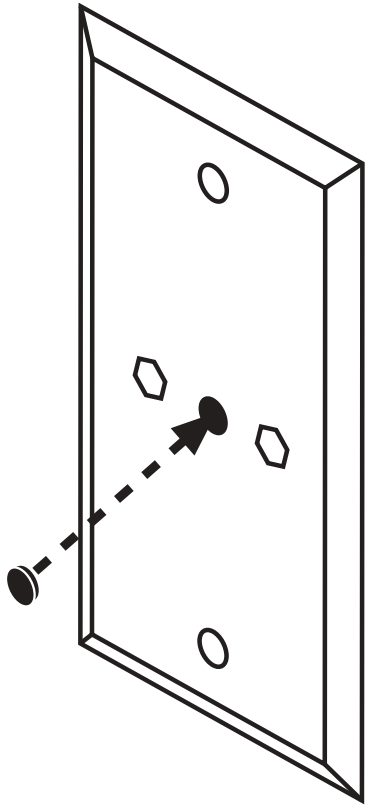
Recommended wire length

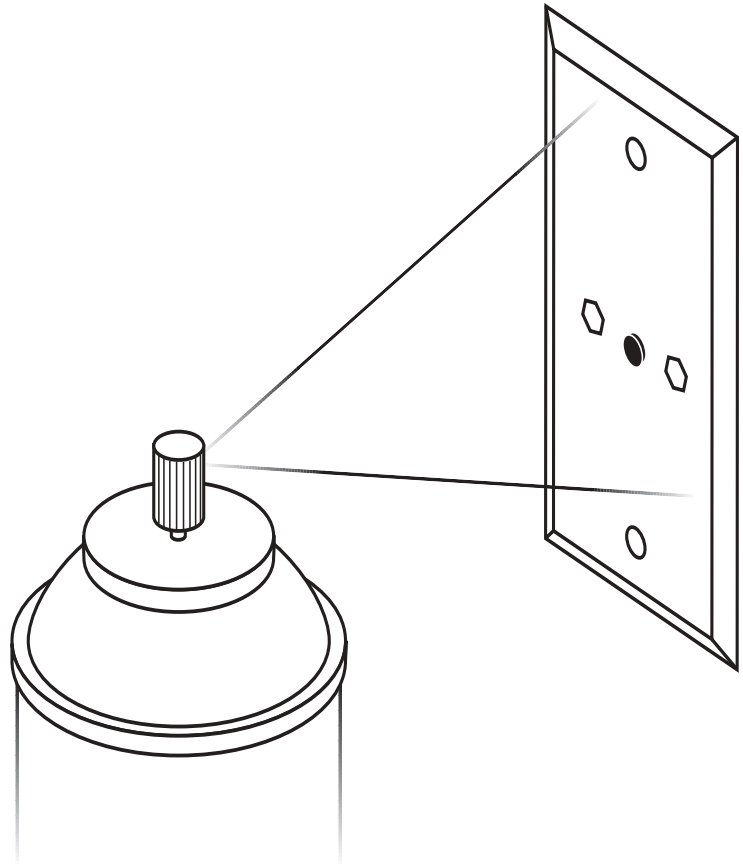
Up to 2000 feet (610 m) max., 24 AWG (0.2 mm^2) shielded twisted pair (shield tied to minus at FreeSpace® 4400 system, floated at sense mic).

Note: *Cable for use in-wall must be CL or CM rated for the application (plenum use, riser use, general use etc.) per the National Electrical Code (NEC).*

Painting

Before painting the wall plate, install the supplied temporary plug over the microphone opening. Remove the plug when finished.

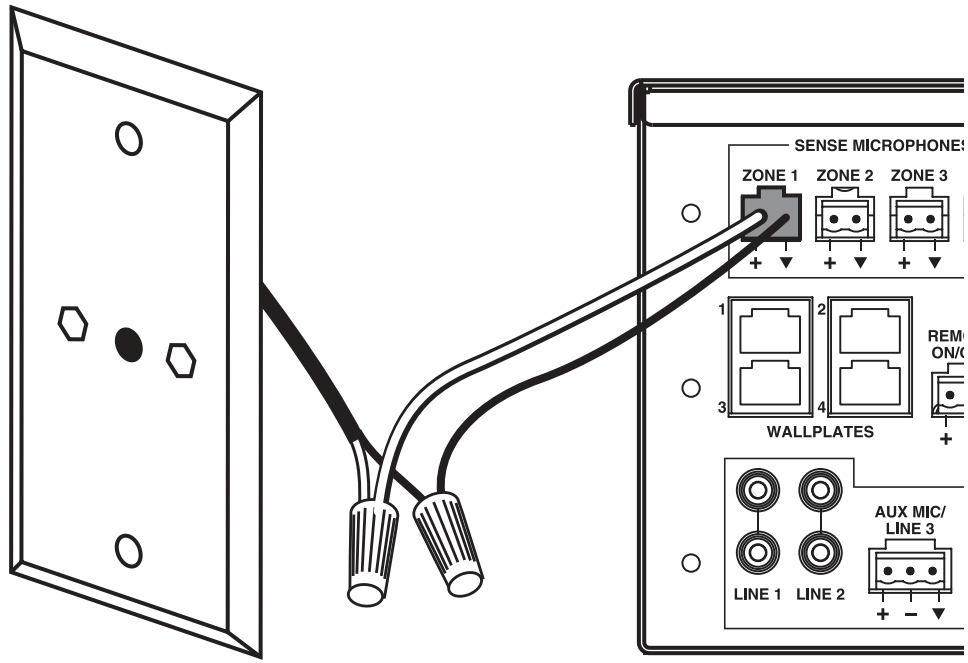




System wiring

Installer's Note: *Disconnect the FreeSpace® 4400 system from the AC (mains) power before making any input/output connections.*

Connect each sensing microphone to the SENSE MICROPHONES jacks on the FreeSpace 4400 rear panel.



Mounting Guidelines

The sensing microphone must be mounted at the same height as the loudspeakers or higher. A sensing microphone must never be mounted lower than the loudspeaker height.

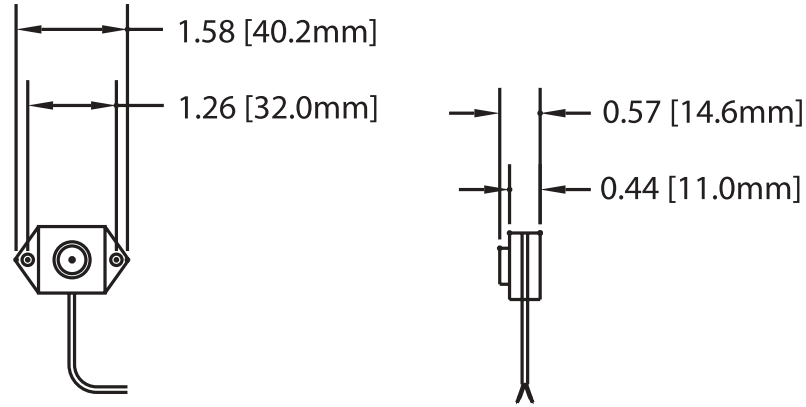
In all cases, there must be 6 ft (1.8 m), minimum, between the loudspeaker and the sensing microphone. This is so that the microphone does not receive signals only from a loudspeaker.

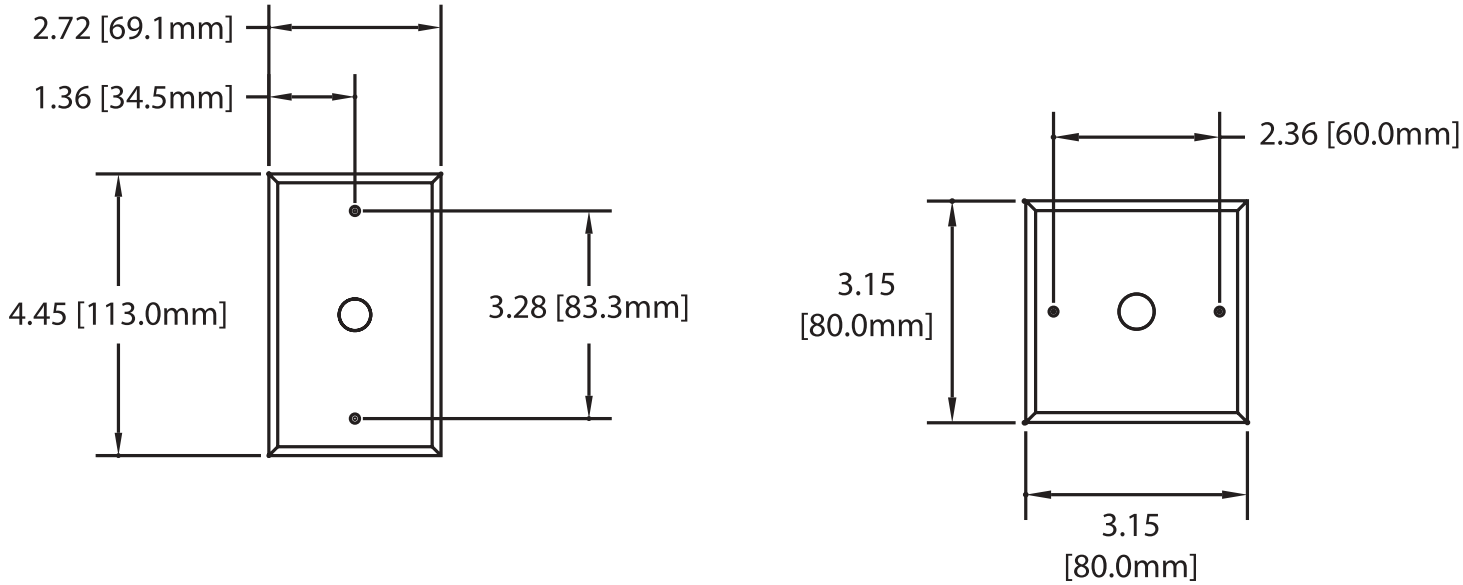
There must be 35 ft (10.7 m), minimum, between the sensing microphones of two adjacent Auto Volume zones.

Avoid placing the microphone near unique noise sources like HVAC equipment, dishwashers, motors, etc.

Note: *See “Designing with the FreeSpace 4400 System" in the FreeSpace 4400 Business Music System Owner's Guide for more details on sensing microphone placement.*

Dimensions


1.58 [40.2mm]
1.26 [32.0mm]
0.57 [14.6mm]
0.44 [11.0mm]


2.72 [69.1mm]
1.36 [34.5mm]
4.45 [113.0mm]
3.28 [83.3mm]
2.36 [60.0mm]
3.15
[80.0mm]
3.15
[80.0mm]

Limited Warranty

Bose® Product Sales Conditions
Limited Warranty Policy and Conditions of Sale
Bose Corporation
The Mountain, Framingham, MA 01701

What is covered:
All parts defective in material and workmanship. The Limited Warranty for the Bose® FreeSpace® 4400 System Auto Volume Mic Kit covers the functionality of the product for its normal, intended use as specified in the Owner's Guide and does not cover a malfunction that has resulted from improper or unreasonable use or maintenance, accident, excess moisture, vermin or other animal damage, improper packing, lightning, power surges or unauthorized tampering, alteration or modification while not under the control of Bose or products purchased for an unauthorized reseller. Bose® systems are not designed to be used in every environment, so please review your Owner's Guide.
WHERE PERMITTED, THE PROVISIONS OF THIS LIMITED WARRANTY ARE IN LIEU OF ANY OTHER WRITTEN WARRANTY, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

For how long:
In countries where the duration of a warranty is not determined by statute, the Bose Limited Warranty lasts one year from the purchase date. For countries where minimum Warranty terms are determined by statute, the Limited Warranty term is the longer of the statutory period or one year. In the United States, if you qualify as a "consumer" under the Magnuson-Moss Warranty Act, then you may be entitled to any implied warranties allowed by law as set forth below for the period of the express Limited Warranty. Some places do not allow time limitations on an implied Limited Warranty, so the above limitation may not apply to you.

What we will do:
We will repair or replace in our sole discretion defective parts within a reasonable period of time and free of charge (excludes shipping, costs, duties and taxes).

Limited Warranty

How you can obtain Limited Warranty service:

You can ship the system to either a Bose Service Agency or to Bose directly with a proof of purchase from an authorized dealer.

Please:

A. Properly and carefully pack the product for shipping. If you need a carton for shipping, contact Bose for a new carton.

B. Label and ship the product to the appropriate Bose location.

C. Contact Bose to get a return reference number. Place this number prominently on the outside of the carton.

Proof of purchase is not required where it is excluded by statute.

THIS LIMITED WARRATNY IS FULLY TRANSFERABLE PROVIDED THAT THE CURRENT OWNER FURNISHES THE ORIGINAL PROOF OF PURCHASE FROM AN AUTHORIZED BOSE DEALER. WHERE PERMITTED, THE MAXIMUM LIABILITY OF BOSE SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

FOR YOUR BENEFIT, WE RECOMMEND THAT YOU RECORD YOUR SERIAL NUMBERS(S), FOUND ON THE PRODUCT(S), AND OTHER PURCHASE INFORMATION, AND KEEP IT WITH YOUR PERSONAL RECORDS ALONG WITH PROOF OF PURCHASE. THIS INFORMATION WILL ALLOW US TO BETTER SERVE YOUR NEEDS.

THIS LIMITED WARANTY GIVES YOU SPECIFIC RIGHTS SUBJECT TO SPECIFIC CONDITIONS. YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH APPLY TO THE PRODUCT YOU HAVE ACQUIRED WHICH VARY FROM PLACE TO PLACE. THIS LIMITED WARRANTY WILL ONLY APPLY TO THE EXTENT THAT THE APPLICABLE LAW ALLOWS.

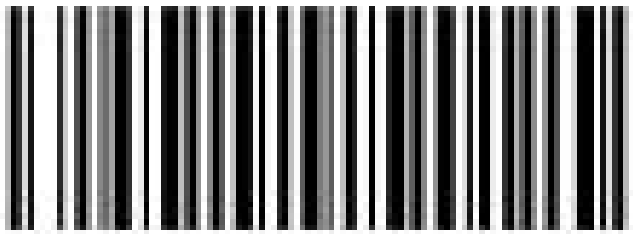
The laws of your state or country may provide you with legal claims against the seller or manufacturer of this product. The Limited Warranty does not affect those rights.

Remedies:

The provisions of this Limited Warranty are in lieu of any other warranties or conditions, except those provided by law.

This Limited Warranty does not affect any legal rights provided to you by law and does not preclude any legal remedy you may have under law.

This Limited Warranty is void if the label bearing the serial number has been removed or defaced.



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